

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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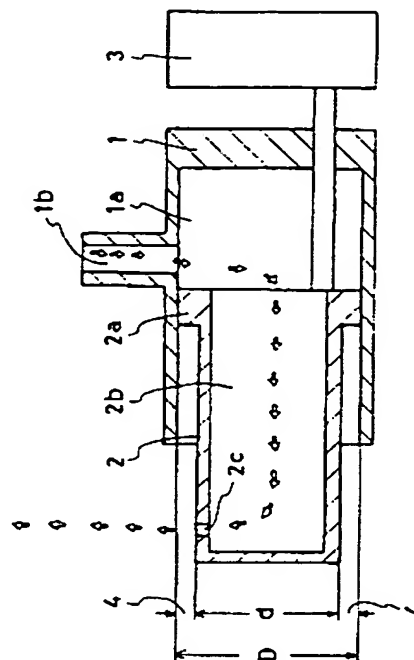
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APPLICANT : AISIN SEIKI CO LTD;

INVENTOR : TANAKA SEIJI;

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TITLE : NOZZLE DEVICE FOR BODY LOCAL  
CLEANING DEVICE



ABSTRACT : PURPOSE: To obtain a nozzle device simple in structure and economical by fittingly providing a piston type nozzle at a cylinder body with a released tip and a feed water pore at the end and enabling both the local cleaning of a body and the nozzle cleaning by the movement of the nozzle.

CONSTITUTION: A cylinder body 1 with a released tip and a feed water pore 1b at the other end is fittingly provided with a nozzle 2, with an exhaust nozzle 2c at its tip, performing piston action by means of a travel device 3. In case of the local cleaning of a body, the flange 2a of the nozzle 2 is pushed out forward until passing through the feed water pore 1b and wash water is jetted from the exhaust nozzle 2c of the nozzle 2. In case of cleaning the nozzle itself, the nozzle 2 is pulled in until the nozzle flange part 2a passes through the feed water pore, and cleaning is done with the water from the feed water pore 1b. Accordingly, both the local part of a body and the nozzle can be cleaned only by a cylinder feed water pore 1b.

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